

Amendments to the Claims

1. - 8. (Cancelled)

9. (New) A directional coupler comprising:

a first connection to input or output a wave and a first decoupling connection to decouple a coupled wave, both of said first connection and said first decoupling connection being connected via a first network to an inner conductor and an outer conductor of a coaxial line at a first connection face; and

a second connection to input or output said input or output wave from said first connection and a second decoupling connection to decouple a coupled wave, both of said second connection and said second decoupling connection connected via a second network to said inner conductor and to said outer conductor of said coaxial line at a second connection face;

wherein, said coaxial line is bent in such a manner that said first connection face and said second connection face are aligned generally parallel to a generally planar printed circuit board; said circuit board including at least one of said first connection, said second connection, said first decoupling connection, or second decoupling connection.

10. (New) The directional coupler of claim 9 wherein, said first network and said second network are resistance networks.

11. (New) The directional coupler of claim 10 wherein resistors forming said first and said second resistance networks are components soldered onto said circuit board in SMD technology.

12. (New) The directional coupler of claim 10 wherein, said outer conductor of said coaxial line is led to earth potential at said first connection face via a third network and at said second connection face by a fourth network.

13. (New) The directional coupler of claim 12 wherein, said third network and said fourth network are resistance networks.
14. (New) The directional coupler of claim 13 wherein resistors forming said first, second, third and fourth resistance networks are components soldered onto said circuit board in SMD technology.
15. (New) The directional coupler of claim 13 wherein both of said third and said fourth networks are low impedance networks.
16. (New) The directional coupler of claim 13 wherein said coaxial line is bent in a semicircular shape.
17. (New) The directional coupler of claim 16 wherein:
- said coaxial line is mechanically and electrically connected to said circuit board at said first connection face via a first connection conductor connected to said inner conductor and via first conically disposed resistors connected to said outer conductor, said first connection conductor and said first conically disposed resistors being a part of said first network or said third network; and
- said coaxial line is mechanically and electrically connected to said circuit board at said second connection face via a second connection conductor connected to said inner conductor and via second conically disposed resistors connected to said outer conductor, said second connection conductor and said second conically disposed resistors being a part of said second network or said fourth network
18. (New) The directional coupler of claim 13 wherein said coaxial line is bent in a U-shape.
19. (New) The directional coupler of claim 18 wherein:
- said coaxial line is mechanically and electrically connected to said circuit board at said first connection face via a first connection conductor connected to said inner conductor

and via first conically disposed resistors connected to said outer conductor, said first connection conductor and said first conically disposed resistors being a part of said first network or said third network; and

said coaxial line is mechanically and electrically connected to said circuit board at said second connection face via a second connection conductor connected to said inner conductor and via second conically disposed resistors connected to said outer conductor, said second connection conductor and said second conically disposed resistors being a part of said second network or said fourth network

20. (New) The directional coupler of claim 9 wherein said coaxial line is bent in a semicircular shape.
21. (New) The directional coupler of claim 9 wherein said coaxial line is bent in a U-shape.
22. (New) The directional coupler of claim 9 further comprising at least one ferrite ring made of a ferrite material which surrounds said coaxial line.
23. (New) The directional coupler of claim 22 wherein said at least one ferrite ring comprises a plurality of aligned ferrite rings encasing said coaxial line.